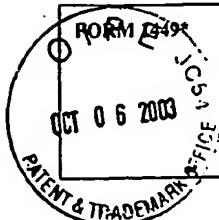


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Date Mailed: OCTOBER 2, 2003



INFORMATION DISCLOSURE STATEMENT  
IN AN APPLICATION  
(Use several sheets if necessary)

Docket Number: 12152.70USDI  
Application Number: 10/612,215

Applicant: UCKUN ET AL.

Filing Date: 07/02/2003

Group Art Unit: UNKNOWN

1653

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DL</i>	5,883,121	03/16/1999	Yamashita et al.			
<i>DL</i>	6,605,589 B1	08/12/2003	Uckun et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
<i>DL</i>	WO 98/49190	11/05/1998	PCT			
<i>DL</i>	WO 01/44464	06/21/2001	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>DL</i>		Andreasen G. (1993) Electroporation As a Technique for the Transfer of Macromolecules into Mammalian Cell Lines. <i>J. Tiss. Cult. Meth.</i> , 15, 56-62				
<i>DL</i>		Baldwin E, Bhat T, Gulnik S, Hosur M, Sowder II R, Cachau R, Collins J, Silva A, (1993). Crystal structures of native and inhibited forms of human cathepsin D: Implications for lysosomal targeting and drug design. <i>Proc. Natl. Acad. Sci.</i> , 90: 6796-6800				
<i>DL</i>		Blandino GB, Levine AJ, Oren M (1999). Mutant p53 gain of function: differential effects of different p53 mutants on resistance of cultured cells to chemotherapy. <i>Oncogene</i> 18: 477-485.				
<i>DL</i>		Brimmell M, Mendiola R, Mangion J, Packham G (1998). BAX frameshift mutations in cell lines derived from human haemopoietic malignancies are associated with resistance to apoptosis and microsatellite instability. <i>Oncogene</i> 16: 1803-1812.				
<i>DL</i>		Chisholm V.. (1995). High efficiency gene transfer into mammalian cells. <i>DNA Cloning IV: A Practical Approach</i> , Mammalian Systems, Glover and Hanes, eds., pp 1-41				
<i>DL</i>		Chow SC, Weiss M, Kass GE, Holmstrom TH, Eriksson JE, Orrenius S (1995). Involvement of multiple proteases during Fas-mediated apoptosis in T lymphocytes. <i>FEBS Lett</i> 364: 134-138.				
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<i>DL</i>		Demuth HU, Schierhorn A, Bryan P, Hofke R, Kirschke H, and Bromme D (1996). N-peptidyl, O-acyl hydroxamates: comparison of the selective inhibition of serine and cysteine proteinases. <i>Biochim Biophys Acta</i> 1295: 179-186.				
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EXAMINER	<i>David L. Lockett</i>	DATE CONSIDERED	6-22-05
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Sheet 2 of 4

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> <small>(Use several sheets if necessary)</small>		Docket Number: 12152.70USDI	Application Number: 10/612,215
		Applicant: UCKUN ET AL.	
		Filing Date: 07/02/2003	Group Art Unit: UNKNOWN

<i>DL</i>	<i>DL</i>	Fearnhead HO, Dinsdale D, Cohen GM (1995). An interleukin-1 beta-converting enzyme-like protease is a common mediator of apoptosis in thymocytes. <i>FEBS Lett</i> 375: 283-288.
<i>DL</i>	<i>DL</i>	Friedrich B, Jung K, Lein M, Turk I, Rudolph B, Mampel G, Schnorr D, and Loening SA (1999). Cathepsin B, H, L and cysteine protease inhibitors in malignant prostate cell lines, primary cultured prostatic cells and prostatic tissue. <i>Eur J Cancer</i> 35: 138-144.
<i>DL</i>	<i>DL</i>	Garcia-Calvo M, Peterson EP, Leiting B, Ruel R, Nicholson DW, Thornberry NA (1998). Inhibition of human caspases by peptide-based and macromolecular inhibitors. <i>J Biol Chem</i> 273: 32608-32613.
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<i>DL</i>	<i>DL</i>	Green DR, Reed JC (1998). Mitochondria and apoptosis. <i>Science</i> 281: 1309-1312.
<i>DL</i>	<i>DL</i>	Gutiérrez MI, Cherney B, Hussain A, Mostowski H, Tosato G, Magrath I, Bhatia K (1999). Bax is frequently compromised in Burkitt's lymphomas with irreversible resistance to Fas-induced apoptosis. <i>Cancer Res</i> 59: 696-703.
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<i>DL</i>	<i>DL</i>	Henkart PA (1996). ICE family protease: mediators of all apoptotic death? <i>Immunity</i> 4: 195-201.
<i>DL</i>	<i>DL</i>	Isahara K, Ohsawa Y, Kanamori S, Shibata M, Waguri S, Sato N, Gotow T, Watanabe T, Momoi T, Urase K, Kominami E, and Uchiyama Y (1999). Regulation of a novel pathway for cell death by lysosomal aspartic and cysteine proteases. <i>Neuroscience</i> 91: 233-249.
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<i>DL</i>	<i>DL</i>	Kao F, Puck T. (1968). Genetics of Somatic Mammalian Cells, VII. Induction and Isolation of Nutritional Mutants in Chinese Hamster Cells. <i>Proc. Natl. Acad. Sci. USA</i> , 60, 1275-1281
<i>DL</i>	<i>DL</i>	Keppler D, Sameni M, Moin K, Mikkelsen T, Diglio C, and Sloane B (1996). Tumor progression and angiogenesis: cathepsin B & Co. <i>Biochem Cell Biol</i> 74: 799-810.
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<i>X</i>	<i>X</i>	Krueger S., Haeckel C., Buchling F. and Roessner A. (1999) "Inhibitory Effects of Antisense Cathepsin B cDNA Transfection on Invasion and Motility in a Human Osteosarcoma Cell Line". <i>Cancer Research</i> , 59:6010-6014.
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EXAMINER	DATE CONSIDERED
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Sheet 3 of 4

Date Mailed: OCTOBER 2, 2003

FORM 1449* <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> <b>OCT 06 2003</b> (Use several sheets if necessary)		Docket Number: 12152.70USDI	Application Number: 10/612,215
		Applicant: UCKUN ET AL.	
		Filing Date: 07/02/2003	Group Art Unit: UNKNOWN

<i>DR</i>	<i>DR</i>	Li P, Nijhawan D, Budihardjo I, Srinivasula SM, Ahmad M, Alnemri E, Wang X (1997). Cytochrome c and dATP-dependent formation of Apaf-1/caspase-9 complex initiates an apoptotic protease cascade. <i>Cell</i> 91: 479-489.
<i>DR</i>	<i>DR</i>	Lowe SW, Ruley HE, Jacks T, Housman DE (1993). p53-dependent apoptosis modulates the cytotoxicity of anticancer agents. <i>Cell</i> 74: 957-967.
<i>DR</i>	<i>DR</i>	Lowe SW, Schmitt EM, Smith SW, Osborne BA, Jacks T (1993b). p53 is required for radiation-induced apoptosis in mouse thymocytes. <i>Nature</i> 362: 847-849.
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<i>DR</i>	<i>DR</i>	Makarewicz R, Drewa G, Szymanski W, and Skonieczna-Makarewicz I (1995). Cathepsin B in predicting the extent of the cervix carcinoma. <i>Neoplasma</i> 42: 21-24.
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<i>DR</i>	<i>DR</i>	Myers D, Jun X, Waddick K, Forsyth C, Chelstrom L, Gunther R, Turner N, Bolen J, Uckun F. (1995). Membrane-associated CD19-LYN complex is an endogenous p53-independent and Bcl-2-independent regulator of apoptosis in human B-lineage lymphoma cells. <i>Proc. Natl. Acad. Sci. USA</i> , 92: 9575-9579
<i>DR</i>	<i>DR</i>	Mort JS, and Buttle DJ. Cathepsin B (1997). <i>Int J Biochem Cell Biol</i> 29: 715-720.
<i>DR</i>	<i>DR</i>	Peller S (1998). Clinical implications of p53: effect on prognosis, tumor progression and chemotherapy response. <i>Cancer Biol.</i> 8: 379-387.
<i>DR</i>	<i>DR</i>	Pronk GJ, Ramer K, Amiri P, Williams LT (1996). Requirement of an ICE-like protease for induction of apoptosis and ceramide generation by REAPER. <i>Science</i> 271: 808-810.
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<i>DR</i>	<i>DR</i>	Rooprai HK, and McCormick D (1997). Proteases and their inhibitors in human brain tumors: a review. <i>Anticancer Res</i> 17: 4151-4162.
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EXAMINER	<i>David Rakefay</i>	DATE CONSIDERED	6-22-05
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SHEET 4 OF 4

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	Applicant: UCKUN ET AL.	
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<i>DL</i>	Sivaparvathi et al., "Expression of cathepsin D during the progression of human gliomas," <i>Neurosci Lett.</i> , Vol. 208, pp. 171-174 (1996)
<i>DL</i>	Slee EA, Zhu H, Chow SC, MacFarlane M, Nicholson DW, Cohen GM (1996). Benzyloxycarbonyl-Val-Ala-Asp (OMe) fluoromethylketone (Z-VAD.FMK) inhibits apoptosis by blocking the processing of CPP32. <i>Biochem J</i> 315: 21-24.
<i>DL</i>	Sloane BF, Moin F, Sameni M, Tait LR, Rozhin J, and Ziegler G (1994). Membrane-association of cathepsin B can be induced by transfection of human breast cells with c-Ha-ras oncogene. <i>J Cell Sci</i> 107: 373-384.
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<i>DL</i>	Summers M, Smith G (1987). A Manual of Methods for Baculovirus Vectors and Insect Cell Culture Procedures. <i>Texas Agriculture Experiment Station Bulletin</i> , 1555
<i>DL</i>	Thornberry NA, Lazebnik Y (1998). Caspases: enemies within. <i>Science</i> 281: 1312-1316.
<i>DL</i>	Uckun FM, Waddick KG, Mahajan S, Xiao J, Takata M, Bolen J, Kurosaki T (1996). BTK is a mediator of radiation-induced apoptosis in DT-40 lymphoma B cells. <i>Science</i> 273: 1096-1100.
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<i>DL</i>	Weiss RE, Liu BC, Ahlering T, and Dubeau MJ (1990). Mechanism of human bladder tumor invasion: role of protease cathepsin B. <i>J Urol</i> 144: 798-804.
<i>DL</i>	Wyllie A, Kerr J, Currie A (1980) Cell Death: The Significance of Apoptosis. <i>Int. Rev. Cytol.</i> , 68: 251-306
<i>DL</i>	Xia Z, Dickens M, Raingeaud J, Davis RJ, Greenberg ME (1995). Opposing effects of ERK and JNK-p38 MAP kinases on apoptosis. <i>Science</i> 270: 1326-1331.
<i>DL</i>	Xing, R. et al., "Control of Breast Tumor Cell Growth Using a Targeted Cysteine Protease Inhibitor," <i>Cancer Res.</i> , Vol. 58, pp. 904-909 (1998)
<i>DL</i>	Yan S, Sameni M. and Sloane BF (1998). Cathepsin B and human tumor progression. <i>Biol Chem</i> 379: 113-123.
<i>DL</i>	Zhu D-M, Fang W-H, Narla R-K, and Uckun FM (1999). A requirement for protein kinase C inhibition for calcium-triggered apoptosis in Acute lymphoblastic leukemia cells. <i>Clin Can Res</i> 5: 355-360.
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<i>DL</i>	Zuo H, Henzel WJ, Liu X, Lutschg A, Wang X (1997). Apaf-1, a human protein homologous to <i>C. elegans</i> CED-4, participates in cytochrome c-dependent activation of caspase-3. <i>Cell</i> 90: 405-413.

EXAMINER <i>David L. Uckun</i>	DATE CONSIDERED <i>6-22-05</i>	23552 PATENT TRADEMARK OFFICE
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